



MICROCOMPUTER BASED PHOTOGRAPHIC SYSTEM

HIGH REGISTRATION PHOTOMASK MACHINE  
AND COMPUTERIZED NUMERICAL CONTROL SYSTEM

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ABSTRACT OF THE DISCLOSURE

A machine and a control system are provided for  
5 generating high registration photomasks with a contact printing  
arrangement. Further, a unique control arrangement is provided  
for controlling a machine such as a high registration contact  
print machine or other type of machine. In a preferred  
embodiment, a control system generates signals to a step and  
10 repeat contact printing machine that exposes many prints of  
master die images on a photographic film, where these prints  
have a high registration characteristic. In a further embodiment  
a unique control arrangement is provided for machine control  
~~operations.~~

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